

J. Dyer, Mt. Harrison, Dina. O Left Washington and clarke westward And the 1840 - Stopped At the Berkeley Spring Va Dr. C. A. Miller -4 days - barne on to Dakland Corner Court & on the Mts. in W. Mo. Kemaniso Baymullass there one week. There came Con East on to Cerelain, where Larrived the 18th Augh. Remained There S. A. Authorita waiting for D- Now berry Dif May e to the 25th. In the 25th went with Dr. N. to Babile. HAHLLA GO land, in Solle Orie, where we remained to the 20 th and there Dr. Byrnes there with the 29th. Then came down to believe, and remaind Then with the Then went by Ann Arber sin remained to the Profederary Orton, Gellow spring 12 salet. and relieved lelieve, again. when I remember to the 18 the

and then starter to Washington - Couchreele Gabb. I have yourned Conrado Frans where I amin dett 13th). Ceisreton, from Astoria, which seems D. H. Shaffer - Omen To be very closely allied to Gables type of his games Chuchoecle. From this 276 Butter St shell I am led to think that the long polition marginal furrow neutioned len Mr. Sabb, is only the furrow for the ligament, which is very dutilly sealt in a margin al Kirrow. I am also inclime to think the long shows tooth described by him as rinning from the beaks.

Melania Lory Coro, Galet. to one afterwards described les the from the Jame beds, in Proceed. Acad, and figer for Mothings. Report.

· Goal Measures Upin

anh brot w/ 82,80 Washington Aug 4-71 28 Bill at Wedell Palpage Freth to Vine 8/16.00 Leeping Car, 200 500 /house Cleve Buggagé to Depot a drow bet to book Augs. Brakferst at Grafton, 75 110 Herlin to Celeve. author Chilleatha 145 " Palsage Holerbury Carty. lelo, to Cincer 10,00 Onmbris & Truck to Hot. 100 Supper before starting 75 Lickerout to Mr. Danus 11.40 3/00 Bill of Silson A Licket to Lebanon Hack 250 1600 Dinner at no Ficket Cin to Work To Loveland Hack 1.80 " Electring Car 300 21 57 Lelegrain to Gage 32 in Onnibed to Depost Sum 6 D' Ared. 1.30 " Porter at Both Bill at Libson House lin. 42 00 Break Hast Fare la Richmond 250 Baggage at Browsh Ominbusto Stort 50 Porter Bilboon house 6.00 540 Returned & Washington Aug. 30th 1871 Carriage Wpo to Mr. Dyens.

Experies In Coal maleypricardina, Carbonaria Muk Nuc. ventricosa, N. V. bryrichia Gin Prothegris Ransas certs Pecter aviculatus, Sw Avicula longa Geni Ap. Rhombopora lepidodendroides M Allorisma clavata, Melehes Pleurot. tabulata, Con.

Epresenting Warrely lifters
Sangrinolites Dulcepera Wini

N. Stella Winch.

P. Micki, Win

Gern Sp. ? Shumardians, Win.

Gern

1076 Delicate little Poterisor base corrical, prices a lettre longer than wide. Subras. except the one one the anal side (which is larger) of about the dige of the baseds or a little larger higher them long, and hereas. In form ag. and supports on its wasper side ante and piece somewhat Imaller in Dise which cornects above with lower untral plates, while on such side It deems to convert with radials, one on the left and two in the right, the hover and on the right res connecting with the right ander oblique side of the anol and heavy de this lower primary radial man howard be a subanal though Ithruk

it is a trury radial, atthough the angular above The are long and Shill is no such radial on the lit El Jam not charly dutistic The first radials on the left and I some documens thow small 2? on the right, are generally a lettle larger than any of the sollinterradial between the arms sordials fairent as well as long that is between those portions of the rays with a general barragerial forther below the first betweentien though the white the forth Catholic of This tis Criwia. Alterior ran When side of Each is slightly come of does not beforeate, at least for the reception of the arms which for five or dix peed goone the are rather blender, sulang war, Histoadial. In the food and believe cate on the Both of & the 4 5 or blu bies, while sever. Cations there is afbitureation on the first radial, and above the the portuior branch Malls Pot prosticus, o publish mu Dyr has the trype, is a Daen alvort.
Calumn 2 mall roma luluw, les much muce robust sprinth apparente done trous a little and

stouter, and more round arms Stateroca. laxus, Hall (New 8/2) differs from H. simplex, in having the interce Up. concave. The arms 67 This seems to be arm more soundid more slunder. Helisto & Polenesco. discorded by The grost striking difference is that the arms of At. lacus, bifer Hall in the elendernite of its formy coste or within afre off atermaly at intervals of 5 or 6 jobjets, Amerille joint lateral branches, which give to the arms themselves a slightly flexu one appearson, while those of H. simpley are strongly and

41. Jahrer - Compour with M. J. M. J. M. Inallest Slitteer - most news like o. Danen Holl, in die om assisted war on a but lake a , has at the nimes on all our intercal plates, and differe in liening its basal plates project ing donning, as little grades, Lumith and Athe Cohen estent him hayand Truncates

Morrelan. Kaner. Shale dip. 40° to White dulland idorvendo co neary whileh only say and ship and Hamush Sh

In the Hamiton Shales near ! 8 kinnes of saw spiriter mucronate Orthis bannysmi, Alman retwentant od, advera, donoth Aviente, and a small Khynchriska Thise Moles are generally of drub or olive color on supremero, lest dusker where out into - some places nearly black and distinctly limite I huch of the wall however, is made up i hrder anythoris langer of given every vangery from longer Alhar to 8 or 10 inches thick I for it vy rare. Only cont sand provides deer The little hills forming the north part of the Spring ground is almost entirely made his it Churty layers deploing at a high of

Who south eagle. On the north Did of The little hill these chety beds form the avovers death - a prem -itoms expressive facing the N. W. perhap 40 to 80 put about How ands Or. That were near its buse The work, however, only shows an ontare, 20 to 30 just in hinghet, with a strap slope down tothe creek. Alongthe S. E. Dide of The Will, incavations invested below the now of Colorges, have expressed the Chety larges: I In some of the makes I found 86. anonoms and the lance Oriskoury operity with Ringslave ovoids, Showing to rock to be Oriskon Amost in medicately liebow the Afring the water rans over

drisken that in place the the south the generally diff at a Jahns, and it must exist ich angle to 5. E, but show polding and contotions. In the north west I directly mider the Spring. They are sometimes seen diffing shance white, but are also see .50 to Gyord for the down I h N. W. About 4/2 mills. to Un derecth in the work to the both West, or N. W. offen springs, there Thatis are Deen deplan to Now house. This on Rem, hill and overland by a whiteh muleu is evedent thrown who throw The Hamilton leeds, and the coarse donnélatione donnélais public Drive much have it origin the small quarts pulley). Donie My buds intercatation 1/2 mile at the function of the Orithan and Herrichton words ohole latten down, here leeds are brulan by herri blush areo-ang from which all it stoutted direves it Hidron phunic galle rock, overland und interculated by brownish and argillacions bud crumbbing to red clay. mi Organic moster The Harr. been continue in down the valley of Armine could put form the morning The light colored sand stone on ruch side. In those on forms the sunction of Ramil

- ton and Cheming ; the heads about leavy chang. Saw no 7 M. nearly cast of the Spring, at Lewis's turned. The Shar d. E. Thay the low port of the Chung fine string tof Cheming from In the show massive hard lanes over this stems and trunks of him another in a book like work of cout. Between here and the spring, the Home. Shaley anyles to S.E. the was cropping the strike obligation, all the way

Columbus Dept. 1870 In ohio Coal. m Aveculo Mitei M Saw in Mr. Herris collec at Fannersville Holmes Co the sand 2, beds of the lower Court Polypora Submarginata Matt greasures: — Synocladia like s. biscrialis, Edmondia JAStarle Gillion Phillips lent perhaps new NEW Ark Ohio Coal M Firestella (perlegans M Aviculate. Carbonnarius 8h m a bestitul new can cellated of. The Dance Den from Dawelle Ill A accidentalis show Avi, interloneatus, MAW Pec. aviculatus Sw. or at my rate the same sp. referred to it in Ill. Edmondia. Astartella ovata M. Macrodon (Coxes s/p)

6. Vermeliana Macrodon tenrilineatus, MM. I cameralis - reles not dist Myalina Swallowi, McB mety folsoerslated Adicula longa, Gem sp. Schizvedus Lima retifera, Shumb I like com but Iwaller with rounded exprension-Pleaset, Sphaevulata Alloniomal Grinitzii, M. A. Inbernata, (mall.) Belleropohon percamalus B. Carbonano Cay, Grandelle, Prod. Wabashinsis. P. Arbrascensis Cestani Plenst. Conhonora (russi) P. seminationaly Cylottes Gillie, W. Voh. I. 9. pundatus Alcheoners loosely could l'argnoistatus Colongeral Sporting Discours Same as in Ila Enous Malin meson Hall Macrochalus New Herry ett. Trelbrat, Covidens Placungramia curbonaria MtW Strep craba Lermonds with col. like Bulace, Athrinis Olike A. sub. lut n fragminds Beaver or Empach chondes mesoloha Discina capulatomis, Meles

Soulien rune Ruselle Station recurring monte de Pulseur Hil ET CALLON Sand of Lacion . 130 + Sandr, While y symmenty.

She is y clioner, in Vermi outer

Production of the y very very outer

Richely Me We we The Blue Sand Shall bivalue 21. Worken Children Construction Cone Wereilar = 1360016.5105 The Wavenly on Ohis Ring from 1the Leme, time to Plack Stale is 640'/hick

Enomphalus Conradi, Hall from Connedi. Mr. Herry has Therman Ishowing A to have a ling in the late of the terri alon offen Ednina aleone; that it is not evactly will en a falame, some spærms are prinstal tome destroitwho distinct 20. I as not think it a true Earon/ph. English with projecting luminum one dide of the curve, link at quite marinal. It is tit. Tur link flot leeded

Leds, from which chalylerate water drip Itter. like H. constricus, Delle Detens with recordal marking. the displaces, in having its body 1. I wortside 8. End twomil, for 11 to 150 Gorsda, out shows Strala les distillets constrictes at the the wish grow are, lid, in Thicker are more margine layers, same dif tip it the second radials, its in -radial deitures un Concave, its strike osin 8, mi dernat arms dicidelle more thattered Jene in Jone weathered parts of Andrew Side, interest of your 1 mok. Shiriter mucronalus des, and not near De distergir Only Leverhyricher & E Atrypa PE at their was on True of mad Level E of Alleghan, which is with from the third reducts. May be a I de de Lemmel, Some nearly som en lieb, a little more announg. Allighang Funnel Terring Dehrizodus, vivianta and 78 miles long. At west and strata crusts en sol other bivalue, like throng - Elet and dipping at high cryle WAVIII James, and only 50 to 60 yels faith At East and dith S. E. IIIII. Strike N. & the Daws Down pillely Carrens, dilplan of 51. Cont through nearly all right anyly I. E. then blurch and grow less En the throught Compress of this our Combbine arg. Monter coll

areathering to brown Clay, ales what higher ast reproton, and Low inrender Deans of Evel Henrie at a higher but, le for the terms were learn all then some mulsing my hard this grow layers. light gray inapire has, contain all dillyring 5. E. Out the dil element act tribes the streets water be come gradually east The pos willlarger Cool. These wids or early was challewisis trining, win en le la come man alve alve me It seems not to be more than 25 alternations of any arms deep to S.E. Here the Cut of R. R. Lem seen Dit It I. S. Will I cat over the interest deplaced of the ours much N. 13 of a little E. d'. diagonale nearly nearly bounded to thike. It were wotton is and balow the mohimum of cut the is an intentor seems I am de's S. E. for some mile of Coult, aproved with this he asterio to make Down George Emphrisary 1 event between Some of the Land. Iven this had which! 10 miles Marson, &. Thire is a Verners. Hursh war are buch Furse of Alls. But brines on Han then interculated below transling o. The beds bearing more only more dule brown: Farther E. about That sustward Is there without the 160 gd. lent at a some or there of coverageon, They are

dip at high angle to N in the middle of the valley at Con near Hotel the R. R. cut Through Cov. a series of malsonin and, a low ridge black lan. Shale, with alund afflor. difforme at a high ories and cherty leds true who from ande to A.W. and contorted and beneath these black shales, both endupled at N. Euro. In righy i dippinglat a high angle A.M. 14 M. S. La. of Cov. gream of mays Le Coving ton inc Ling of the water walley with N. M. M. Man. prog hi. with forfile 28 630 ph Deen. Tarther along SE. eur No 2, . Ohows on extensive series Li with atternations almost like quarte

weather to white majors the At Hallachan's Station whole dipping at on anyle of about 450 to S. W. Within about 1/2 m. W. Allovineton, a ven har delicions, blue limistone, vises 25 gt. of top of Derice there is a intercalate led lam. alk. Shale a from beneath the finely lamined and bove the diliceves di. more alice shorts of Ham. Josephonia the deb of Sh. + Li. berick both to Thurs grow, like that below, a over this heavy buds of fireth lam 1. 1. it augle 50 % 55 - Sam in lelly shale dillois of Leve and I. Stroph. dels. Orthus, Shinler to 50M. This I think alones to Encentiums to Muder this to E. It happes down into very dilicions Lower bout How, or. The Mills on a St. Side Lackson R. sen to be entirely Comp. of this blk. lans cluyry, and some some 1/2 to 1/2 m. 8. of this a time I think now this is the above see. oming ETW. 66 to 80 notes hour Contacted and formy a low Road just full sur Masur Shillson . Show a low Road just Father the andre comp. of Danne All Li. of drup believesh cotor and very hard, that diles at 40 to 50 to 5.8! living a direct revende. At E. and Sumuel, Red Clay overlies rock, 4/4m

N. of this same beds are seen dippry are seen dispring to will, and there rises from beneath them dance way, while much losse majors bone by Whyellowish careavers rough provous evon of is deep over the Infoce in heaps and files. France & other the dark shales are seen here. Along a little vally coming in from standing nearly vertical and Then bluging off to S.E. This shale N. this siliceous series, some part int. all ling sellowish are across chart veil continues all the man to Coo. with are over dipping at high ough to S.S. Dome reverses of disp, and folding and showing a Mb. 800 to 100 feet. and contortions Donne beds blub had Li towards les pulses into nellowish gray when church sandstone! In. to S. E. of this ducered the finely laminated alk, shale which form, the hills and mountons in that direction, with the some S. E. dis, The shales continue on with several about the reverse of de to Coverigton. At one front about 1 m. N. of M. fr. Cov. they

Mular in Mylast lille - NOV. 15th 18th 8 Bylo Dontwo boxes from 460 March 24. Exposition. Mr. S. Charles D. W. S. Charles D. W. S. Charles D. W. S. Charles D. W. S. College Const. Marhouston Continue of the Same of Same o Pair Mr. Leale for Colymptell \$10.0.8 CHARLES WITH A GALLES The formation of the May 20 Pd. M. S. More Shopping 3750.

Long July 1820 Holy cos for Dry 3750.

Det Columbia out to depol halls to Cleve Bull at Cleve. 8 th Papage to Detrout 4.50 ledging the Show at Date 200 1 50 bull at Ann/Arl. 25 800 . drib at Anh A. Busto depot. 25 n 11 Papaceto Detrol Bull at Dot Lodging & Brecket. 2 ps 12 fr Laps Celeve. 1530 1530 15 30 1. Barga to Delpa 50 15 80

Species refered to Cincinnati and Vicinity, in Hall's Palaeontology VOI I.

It alternistriata, probably only a variety of 8. alternata

Orthis equivaluis. no shell conservering to the description & bigues that I know of

Orthis dichotoma instant

Dettis subjugata - not clear, probably a var. of O. Simuata

Platymotus Trentoneusis, not Satisfactory

Acidaspis Trentoneuses. very soubtful (This is refered to as the

same as Lockés A. Cherannes) crosotus Other species that he refers to Specially as occuring in burnati and ricinty are. I believe, pretty clearly identified Bac Hale frequently refers spe to the worning horizon in and about Cincinnati, but we kno what he means

Mr James Jonn Migro Wars pholadoform Hall Foster Whit) at the in Clinitar Co. When also the living on of top hills at le in a last in the Centa Growb. M. Lames has Specimen dans. tella statta, Hall from Com Richan To that show apparently many pores in the walls like Formales. I form with larger cells also formed at whatever to Got always Lots. Thous ma Juch bores! in regard the heritan of the latering felow 1st Left wille passe in bride vesticel range wayer, derecentrist and attime. Loc. or position them. Comer lowers Les. Blance bong, is never forme at tein! "intuded by Hall as one of the los

Lep, termistreale, never found at Oma Mula . Sittle Com is the dance Defining the state of the state at Gina. Occurrence at leave. Mr. James has a me speame Spielestres Coryo, flattened by Cateral pressure 3 that shows it was covered by muminous were somed sprines.

and vicinity are, I believe, part from the for 1880 clearly identified Sleeping cor. 2.00 Baygage at Wash. 75 Hall han fers spe 40 Mar met 2 19.75 to the work about bi mayor wager mys the first of the f what he ? pl 29 Eeip. ou Herzers boy. 1.5 4. 8 W. Sall Confer 7 - 3 75 March 16-W. St. vv. 19 Earthruly on 2 boxes from
North hope by 4.60

Millary 3 h.